

General Schematic of Antibody Structure

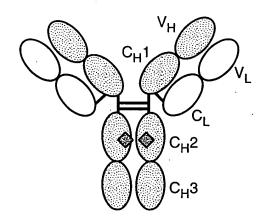


FIG._1A

General Schematic of Antibody Fragments

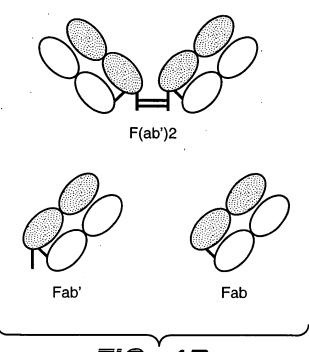


FIG._1B

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General Schematic of Antibody-Glucoamylase Fusion

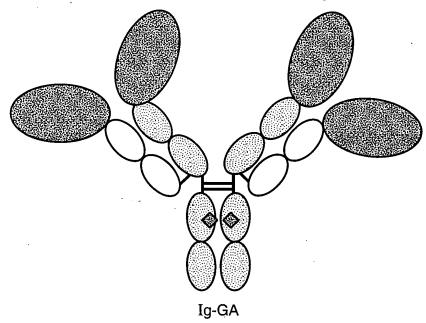


FIG._1C

General Schematic of Antibody Fragment-Glucoamylase Fusions

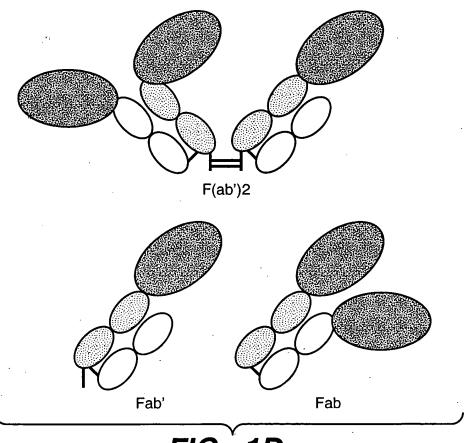
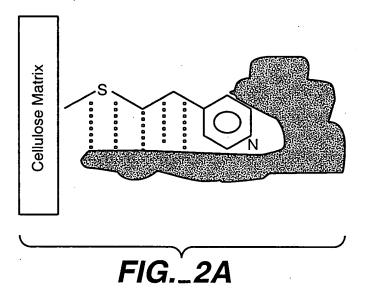
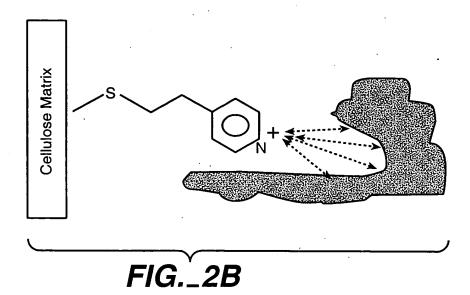


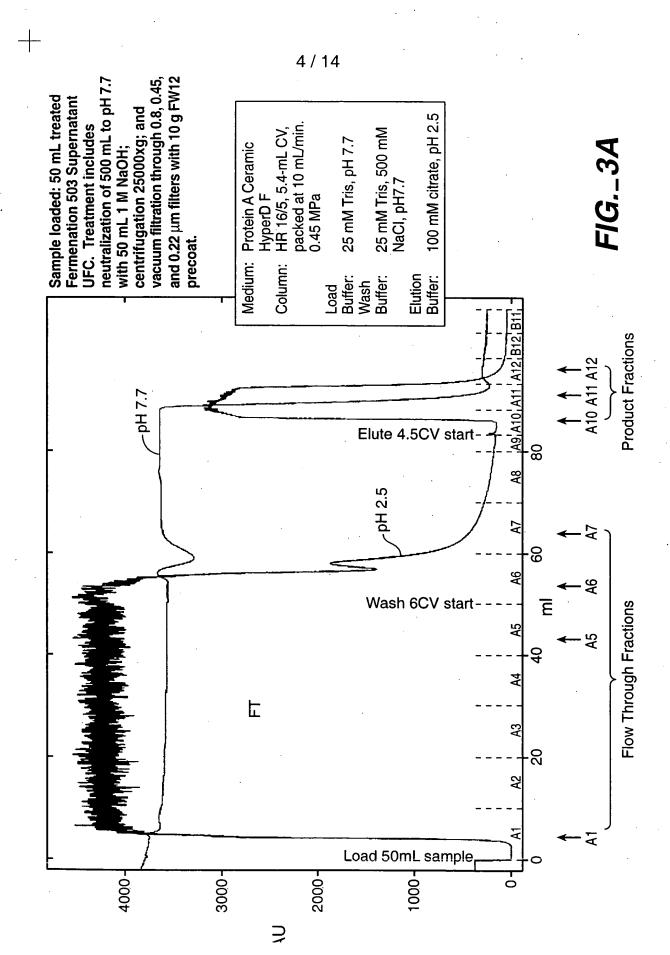
FIG._1D

Adsorption by Hydrophobic Association



Desorption by Ionic Repulsion







PAC062602

4-12% Bis-Tris MES SDS

Reducing



eptin : 20020503	supernatant						
HerceptinFeed: 200	- A1	- A5	- A6	– A7	-A10	- A11	- A12

PAC062602

4-12% Bis-Tris MOPS SDS

Non-reducing

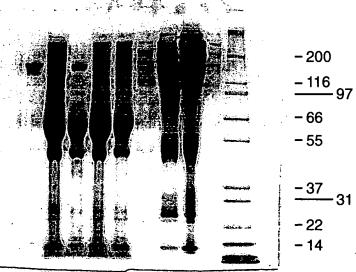
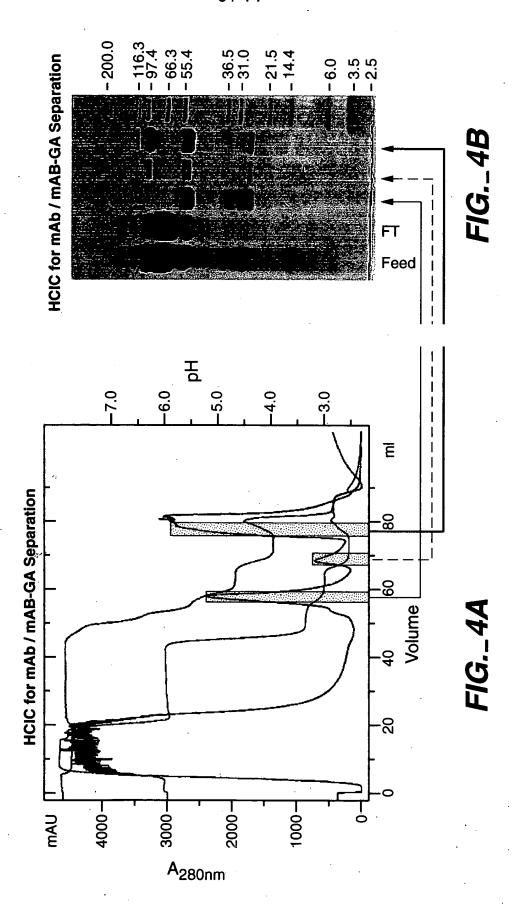
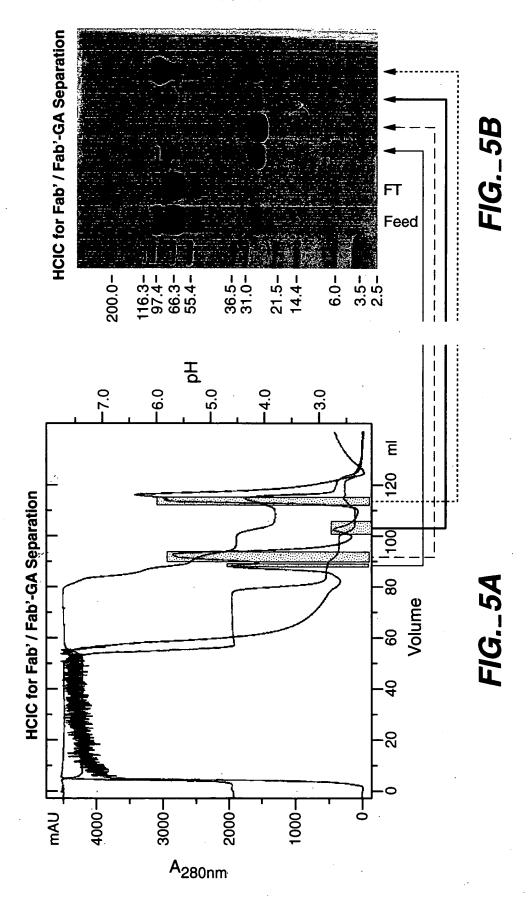


FIG. 3B

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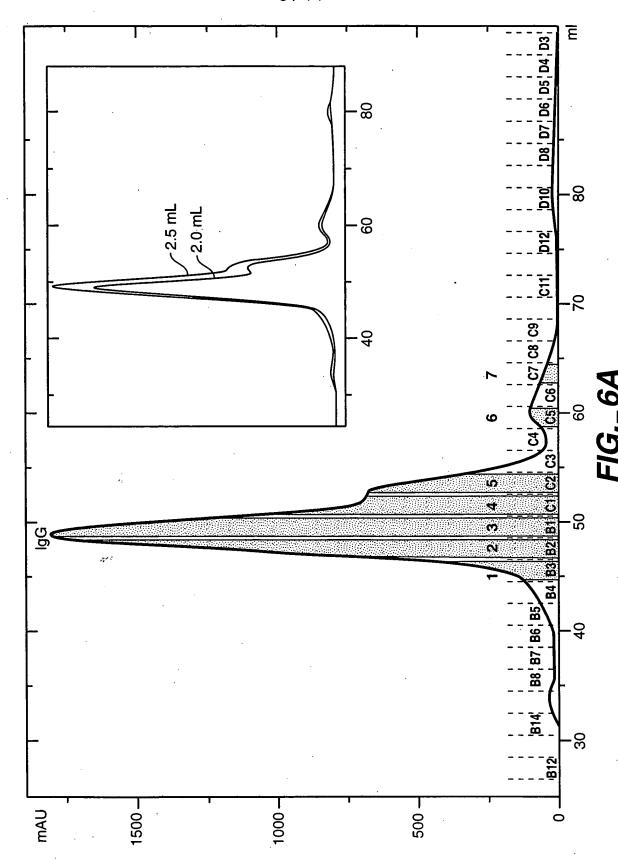
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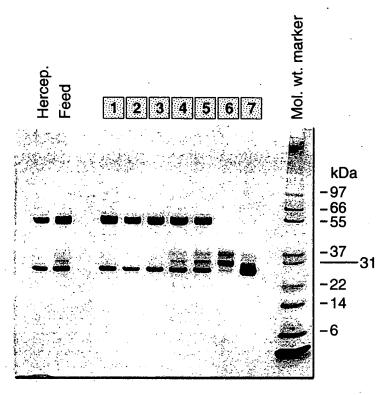
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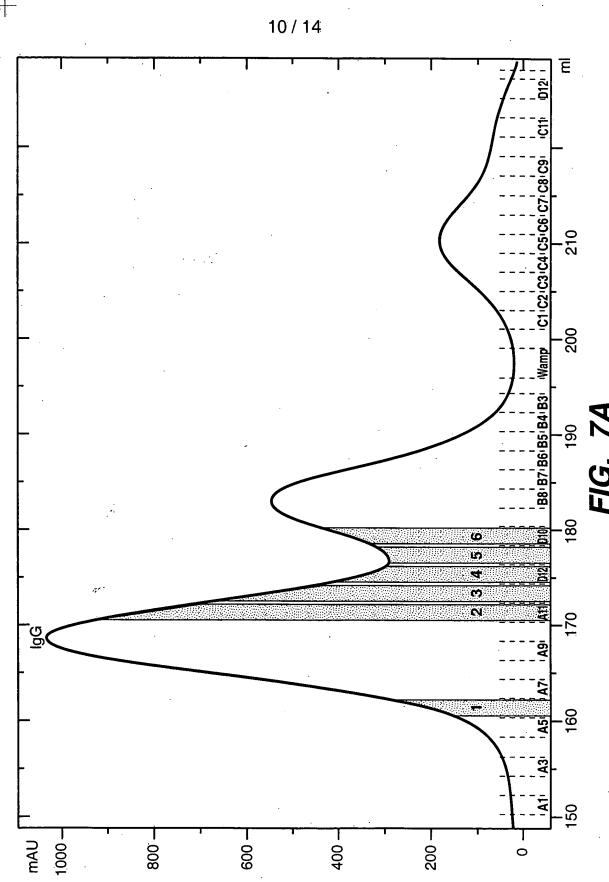


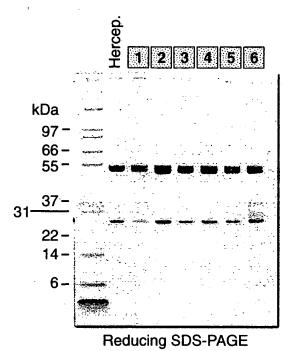
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Reducing SDS-PAGE

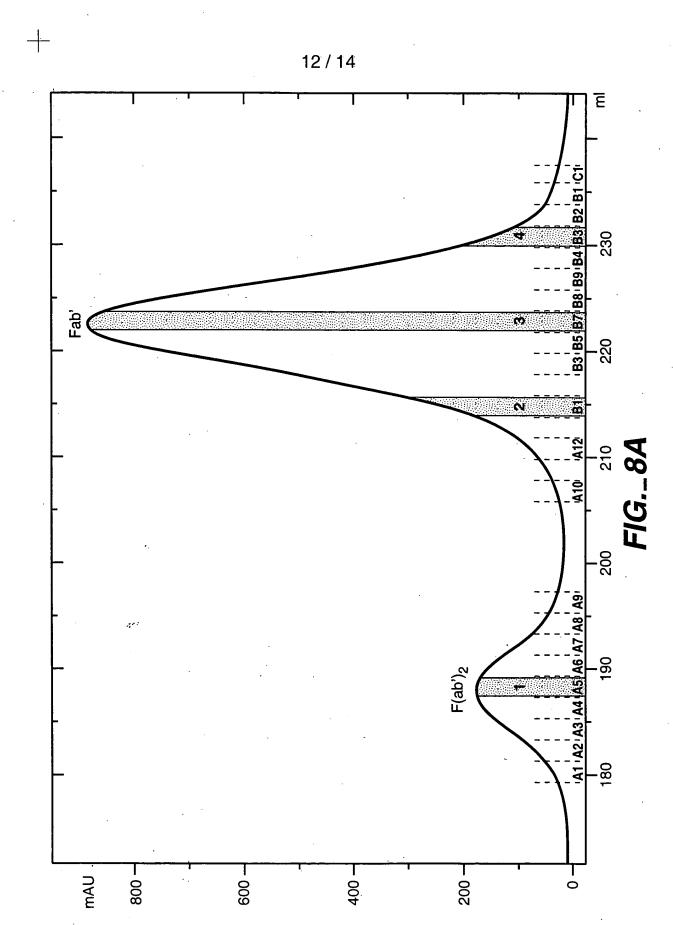
FIG._6B



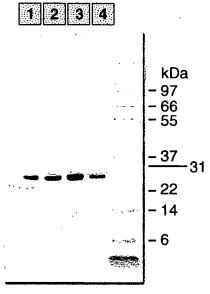


kDa 200-116-97-66-55-37-Non-reducing SDS-PAGE

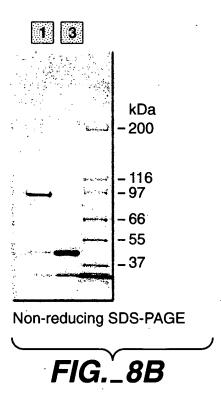
FIG. 7B

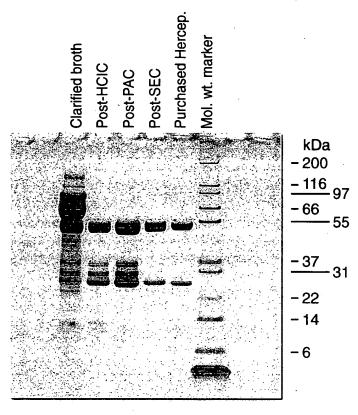


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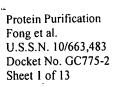
Reducing SDS-PAGE





Reducing SDS-PAGE

FIG._9





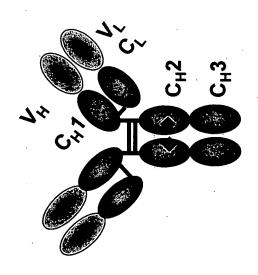


Figure 1A: General Schematic of antibody structure

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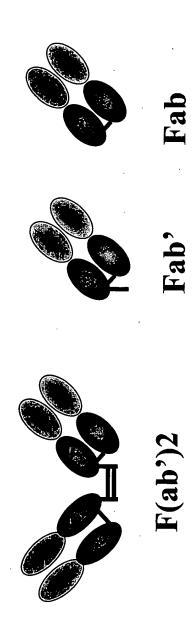


Figure 1B: General Schematic of antibody fragments

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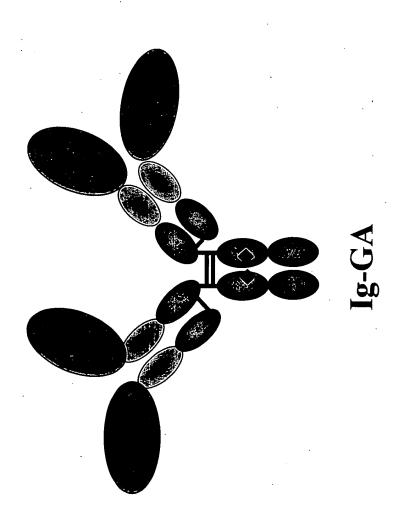


Figure 1C: General Schematic of Antibody-Glucoamylase fusion

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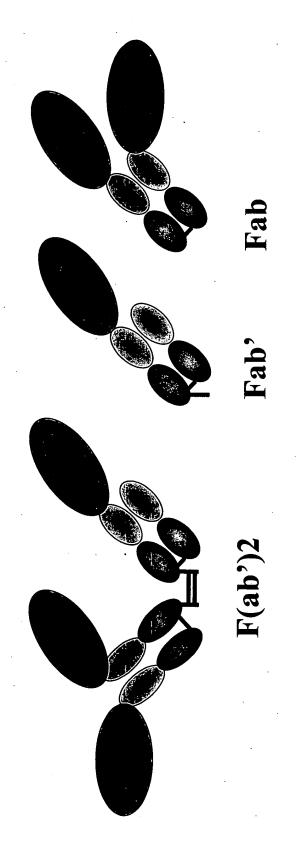


Figure 1D: General Schematic of Antibody fragment-Glucoamylase fusions

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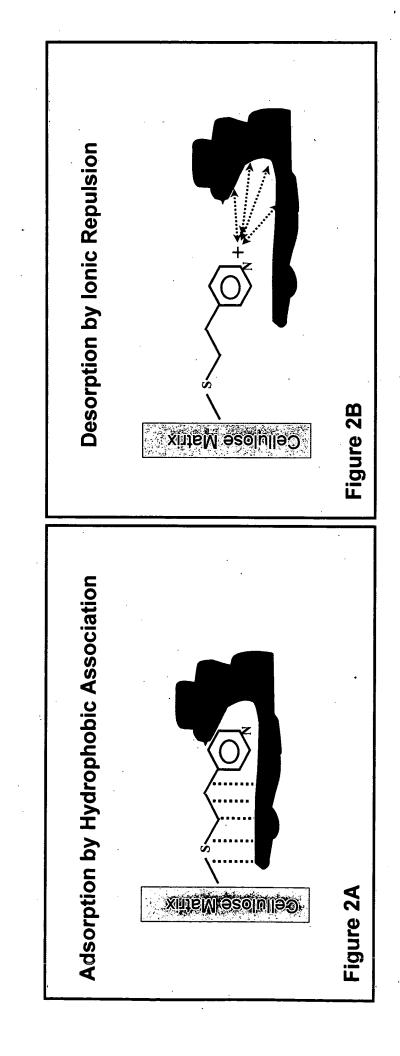


Figure 3A

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Sample loaded: 50 mL treated Fermentation 503 Supernatant UFC. Treatment includes neutralization of 500 mL to pH 7.7 with 50 mL 1 M NaOH; centrifugation 25000xg; and vacuum filtration through 0.8, 0.45, and 0.22 µm filters with 10 g FW12 precoat.

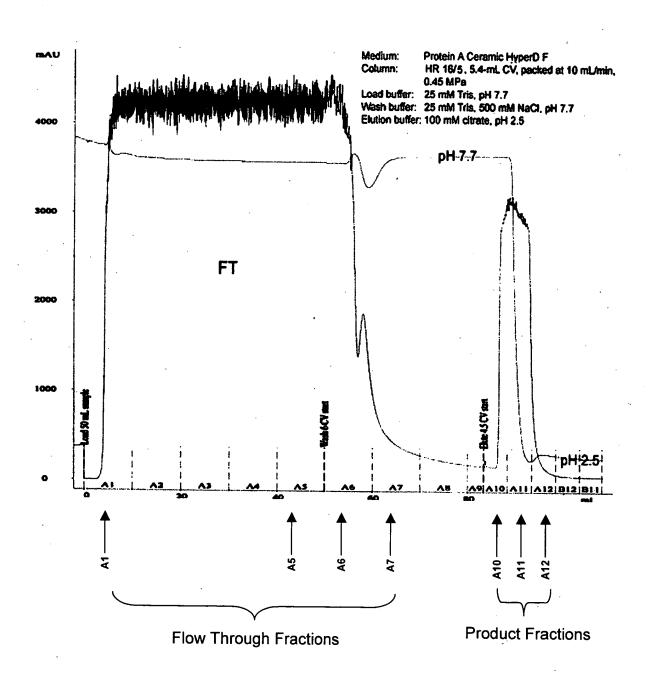


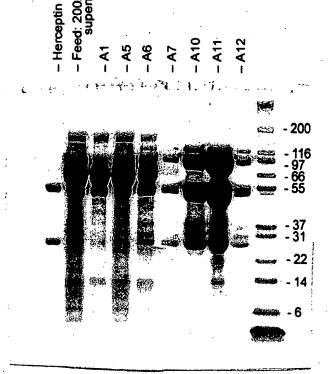
Figure 3B

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4-12% Bis-Tris MES SDS

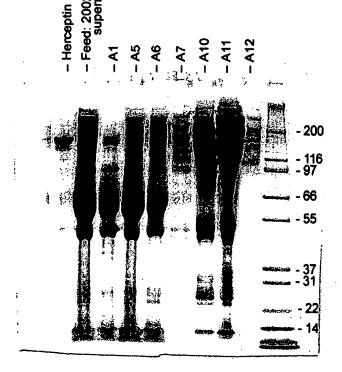
Reducing



PAC062602

4-12% Bis-Tris MOPS SDS

Non-reducing





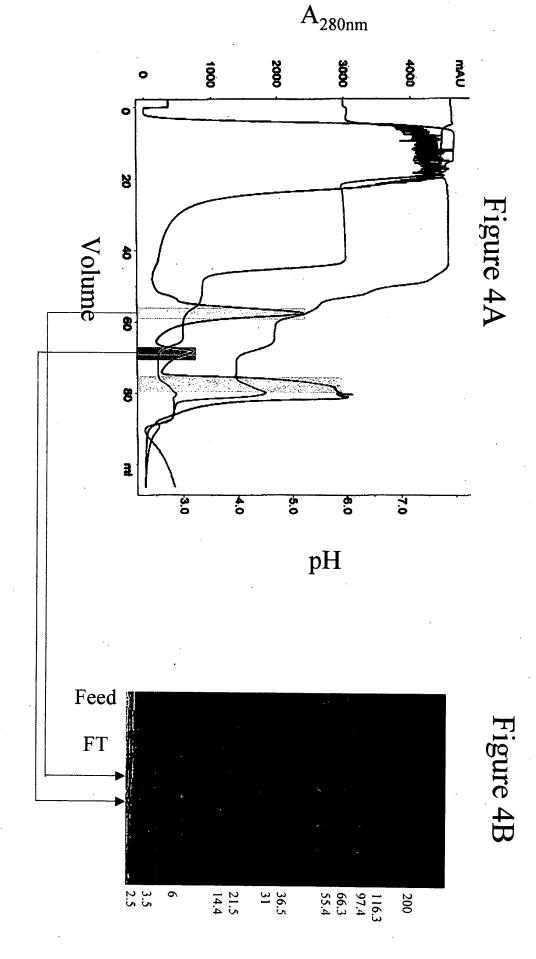
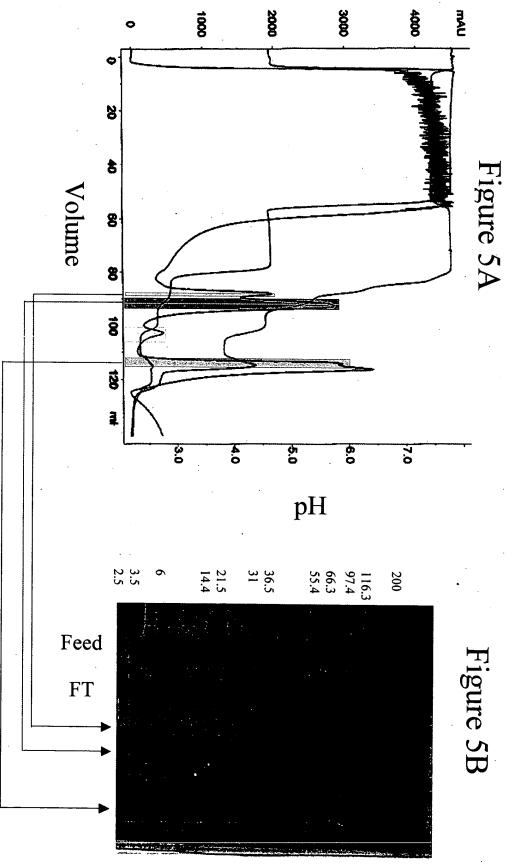


Figure 4: HCIC for mAb/mAB-GA Separation



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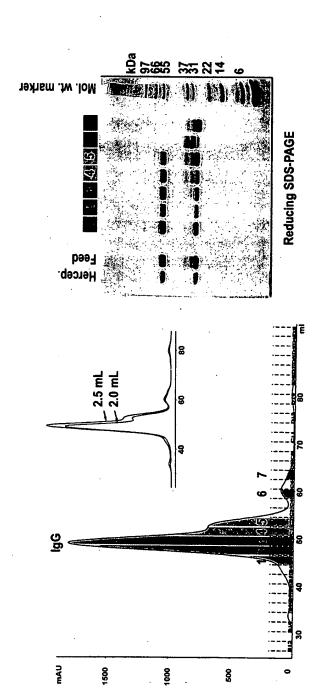


 A_{280nm}

Figure 5: HCIC for Fab'/Fab'-GA Separation

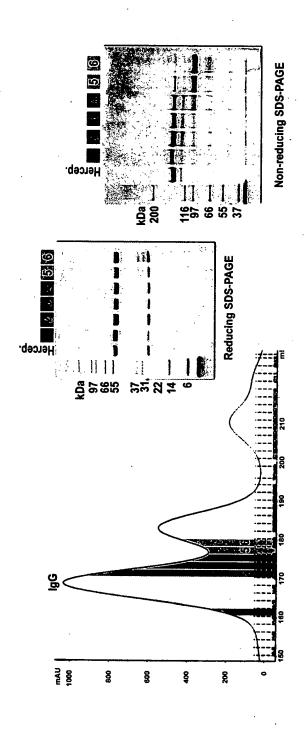
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Figure 6



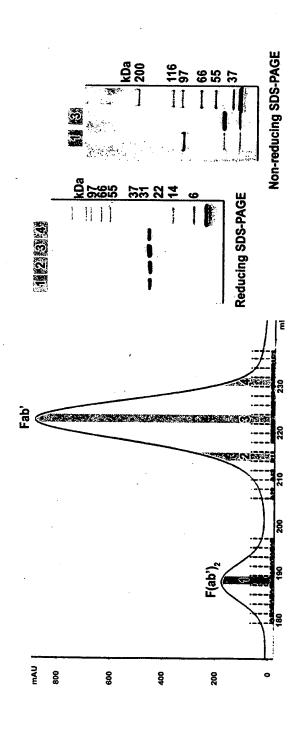
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Figure 7

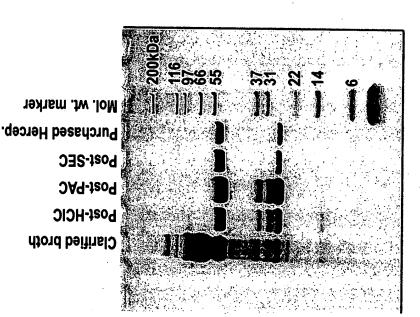


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Figure 8







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